

Answer Key • Units 1–4

Unit 1 (p. 7) •

- $15 = 3 \times 5$
- $6 \times 8 = 48$
- $36 = 4 \times 9$
- $n = 5 \times 7$
- $n = 32 + 4$
- $4 \times 6 = n$

Unit 1 (p. 8) ••

- $18 \div 3 = n$
- $4 \times 5 = 20$
- $18 = 3 \times 6$
- $n \div 5 = 4$
- $(5 + 5) + 1 = 26$
- $393 = 3 \times n$
- $654 \div n = 218$
- $n - 6 = 20 - 19$

Unit 1 (p. 9) •••

- $8 \times 3 = n$; ($n = 24$)
- $2 \times 3 = n$; ($n = 6$)
- $4 \times 6 = 24$
- $17 - 8 = 9$
- $4.50 \div 0.05 = 90$
- $6 \times 5 = 30$
- $562 \div 30 = 18$
- $10.00 - 3.62 = 6.38$

Unit 1 (p. 10)

Word Problems

Answers may vary.

- $3 \times 8 = 24$
- $32 \div 8 = 4$
- $48 \div 8 = 6$
- $18 \div 6 = 3$
- B 6. C
- A 8. C

Unit 2 (p. 12) •

- 19
- 14
- $(15 - 1) \div 2 = 7$
- $(4 \times 3) - 3 = 9$

Unit 2 (p. 13) ••

- $5 \times (7 + 5) = 60$ fish
- $(4 + 5) \times 9 = 81$ roses
- $(3 + 4) \times 8 = 56$; 19 tarts
- $(4 \times 3) + (3 \times 2) = 18$ points
- $(35 - 3) \div 4 = 8$ dimes
- $(4 \times 6) + 6 = 30$ animals

Unit 2 (p. 14) •••

- $(14 + 8) \div 2 = 11$
- $(6 \times 8) - (3 \times 8) = 24$
- $(27 - 3) \div 6 = 4$
- $(11 + 16) \div 3 = 9$
- $[42 + (42 \div 2)] \div 4 = 16$
- $3 + 2 + (2 \times 3) = 11$

Unit 2 (p. 15)

Word Problems

- $(42 - 18) \div 4 = 6$
- $14 = 7 + 2 + v$; $v = 5$
- $(21 + 16 + 13) \times 3 = 150$
- $(68 - 3) - (3 \times 21) = 2$
- D
- D

Unit 3 (p. 17) •

- 10; $1 \times 10 = 10$; $10 \times 1 = 10$; 1, 2, 5, and 10
- $1 \times 5 = 5$; $5 \times 1 = 5$; 1 and 5
- 1, 2, 3, 6, 9, 18
- 12, 18, 24, 30; 16, 24, 32, 40
- 1, 2, 3, 6; 1, 2, 4, 8

Unit 3 (p. 18) ••

- 9, 12; 1, 3; 9, 12
- 10, 15, 20; 1, 5; 10, 15, 20
- 0, 7, 14, 21, 28; 1, 7; 0, 7, 14, 21
- 0, 10, 20, 30, 40; 1, 2, 5, 10; 20, 30, 40, 50, 60

Unit 3 (p. 19) •••

- 1, 2, 4; 8, 12, 16, 20, 24, 28
- 1, 2, 3, 6; 12, 18, 24, 30, 36, 42
- 1, 2; 2, 4, 6, 8, 10, 12
- 1, 5; 5, 10, 15, 20, 25, 30
- 1, 3, 9; 9, 18, 27, 36, 45, 54

Unit 3 (p. 20)

Word Problems

- 2
- 8
- 0, 6, 12, 18, 24
- 0
- B
- D

Unit 4 (p. 22) •

- add 4
- add bottom row + 1
- 16, 32, 64
- multiply by 3
- 60, 72, 84
- subtract 11
- multiply by 2
- add by multiples of 3

Unit 4 (p. 23) ••

- Check students' work.
- Check students' work.
- 112, 224 4. 5, 1
- 26, 13 6. 10, 7
- 5, 25 8. 5, 20
- 20, 45 10. 25

Unit 4 (p. 24) •••

- add 10
- multiply by 4
- 30; multiply by 3
- add 11
- 30, 22; subtract 8
- 12, 1; divide by 12
- 46; multiply by 2
- 38; divide by 2
- 63; divide by 3
- 37; multiply by 2 and then add 5

Unit 4 (p. 25)

Word Problems

- 9, 18, 27
- 4, 8, 12
- 26, 31; add 5
- 20, 9; subtract 11
- D
- C

Answer Key • Units 5–6

Unit 5 (p. 27) •

1. three thousand four hundred fifty-two; 50, 2
2. ten thousand three hundred eighty; 80
3. ninety thousand seven hundred seventy-eight; 70, 8
4. five hundred twenty-five thousand sixty-five; 5,000, 60, 5
5. one hundred seventy-one thousand three hundred eight; 1,000, 300, 8
6. five hundred ten thousand two hundred sixty; 200, 60

Unit 5 (p. 28) ••

1. eleven thousand five hundred forty-seven; 40, 7
2. eight thousand nine hundred five; 8,000, 900, 5
3. two hundred twenty-five thousand three hundred fifty; 200,000, 20,000, 5,000, 300, 50
4. four hundred thousand seven hundred thirty-seven; 400,000, 700, 30, 7
5. twelve thousand six hundred three; 10,000, 2,000, 600, 3
6. three thousand nine hundred eighty-two; 3,000, 900, 80, 2
7. > 8. >
9. < 10. <

Unit 5 (p. 29) •••

1. seven thousand eight; 7,000, 8
2. eighty-one thousand six hundred forty-three; 80,000, 1,000, 600, 40, 3
3. three hundred sixty thousand five hundred fifty-six; 300,000, 60,000, 500, 50, 6
4. sixty-four thousand nine hundred eight; 60,000, 4,000, 900, 8
5. seventy-three thousand two hundred seventy-eight; 70,000, 3,000, 200, 70, 8
6. nine hundred twenty-four thousand sixty-seven; 900,000, 20,000, 4,000, 60, 7
7. > 8. >
9. < 10. <
11. > 12. >

Unit 5 (p. 30)

Word Problems

1. three hundred forty-one thousand eight hundred nine; $300,000 + 40,000 + 1,000 + 800 + 9$
2. sixty-seven thousand eleven; $60,000 + 7,000 + 10 + 1$
3. Hilary
4. Craig
5. B
6. A

Unit 6 (p. 32) •

1. 999 2. 887
3. 1,097 4. 841
5. 5,819 6. 78,179

Unit 6 (p. 33) ••

1. 5,199 2. 40,324
3. 5,835 4. 6,901
5. 4,598 6. 3,282
7. 9,083 8. 8,181
9. 3,709 10. 33,097
11. 3,523 12. 64,586

Unit 6 (p. 34) •••

1. 13,166 2. 40,899
3. 76,930 4. 40,506
5. 25,558 6. 44,481
7. 4,077 8. 51,536
9. 5,682 10. 76,584
11. 55,093 12. 10,286
13. 22,945 14. 74,899
15. 10,793 16. 20,465
17. 83,950 18. 30,130
19. 32,608 20. 50,040
21. 98,442 22. 51,633
23. 16,711 24. 5,008

Unit 6 (p. 35)

Word Problems

1. \$9,686
2. \$4,669
3. \$15,225
4. 562,220
5. C 6. A

Answer Key • Units 7–8

Unit 7 (p. 37) •

1. 402
2. 313
3. 192
4. 431
5. 1,113
6. 5,113
7. 7, 474

Unit 7 (p. 38) ••

1. 2,241
2. 13,910
3. 6,911
4. 2,843
5. 3,597
6. 780
7. 1,685
8. 14,957
9. 17,003
10. 16,170
11. 31,187
12. 40,610

Unit 7 (p. 39) •••

- | | |
|------------|------------|
| 1. 28,310 | 2. 20,634 |
| 3. 39,479 | 4. 1,514 |
| 5. 9,293 | 6. 14,370 |
| 7. 223 | 8. 5,930 |
| 9. 682 | 10. 54,024 |
| 11. 5,487 | 12. 11,462 |
| 13. 10,083 | 14. 63,293 |
| 15. 5,919 | 16. 3,655 |
| 17. 1,110 | 18. 69,030 |
| 19. 344 | 20. 44,036 |
| 21. 46,202 | 22. 49,667 |
| 23. 7,473 | 24. 2,892 |

Unit 7 (p. 40)

Word Problems

1. \$3,110
2. \$542
3. 1,736
4. 8,503
5. D
6. A

Unit 8 (p. 42) •

1. 5
2. 9
3. 4
4. 3; 10
5. $4 \times 9 = 12 \times 3$
6. $10 \times 4 = 5 \times 8$
7. $4 \times 0 = 12 \times 0$
8. $2 \times 4 = 1 \times 8$
9. 12; 27
10. 30; 80

Unit 8 (p. 43) ••

1. 4 2. 3; 10
3. $4 \times 6 = 8 \times 3$
4. $18 \times 4 = 3 \times 24$
5. $6 \times 3 = 6 \times 3$
6. $10 \times 4 = 5 \times 8$
7. $4 \times 21 = 28 \times 3$
8. $0 \times 10 = 5 \times 0$
9. $10 \times 9 = 30 \times 3$
10. $22 \times 4 = 11 \times 8$
11. $10 + 3$; 10, 3; 50 + 15; 65
12. $10 + 6$; 10, 6; 40 + 24; 64

Unit 8 (p. 44) •••

1. 4 2. 5
3. 9 4. 0
5. $2 \times 24 = 16 \times 3$
6. $4 \times 5 = 2 \times 10$
7. $4 \times 12 = 16 \times 3$
8. $0 \times 4 = 3 \times 0$
9. $7 \times 9 = 21 \times 3$
10. $100 \times 4 = 5 \times 80$
11. $15 \times 3 = 15 \times 3$
12. $16 \times 4 = 8 \times 8$
13. $10 + 6$; 10, 6; 30 + 18; 48
14. $10 + 4$; 10, 4; 40 + 16; 56
15. $10 + 7$; 10, 7; 50 + 35; 85
16. $10 + 8$; 10, 8; 60 + 48; 108

Unit 8 (p. 45)

Word Problems

1. $(1 + 2) \times 5 = n$
2. 5
3. $2 \times 5 = 10$
4. 15
5. D
6. D

Answer Key • Units 9–11

Unit 9 (p. 47) •

1. 39 2. 20, 20, 92
3. $(1 \times 3) + (20 \times 3) = 63$
4. $(8 \times 5) + (40 \times 5) = 240$
5. 250
6. $56 \text{ (multiply ones)} + 80 \text{ (multiply tens)} + 2,400 \text{ (multiply hundreds)} = 2,536$

Unit 9 (p. 48) ••

1. 375
2. 1,200; 1,232
3. 180; 2,400; 2,586
4. $35 \text{ (multiply ones)} + 200 \text{ (multiply tens)} = 235$
5. $12 \text{ (multiply ones)} + 160 \text{ (multiply tens)} = 172$
6. $36 \text{ (multiply ones)} + 120 \text{ (multiply tens)} = 156$
7. $36 \text{ (multiply ones)} + 180 \text{ (multiply tens)} = 216$
8. $42 \text{ (multiply ones)} + 60 \text{ (multiply tens)} = 102$

9. $16 \text{ (multiply ones)} + 120 \text{ (multiply tens)} = 136$
10. $56 \text{ (multiply ones)} + 420 \text{ (multiply tens)} = 476$
11. $27 \text{ (multiply ones)} + 450 \text{ (multiply tens)} = 477$

Unit 9 (p. 49) •••

1. 500 2. 1,113
3. 755 4. 684
5. 564 6. 1,336
7. 950 8. 942
9. 672 10. 1,375
11. 794 12. 1,206
13. 2,364 14. 1,155
15. 2,856

Unit 9 (p. 50)

Word Problems

1. \$87
2. 1,715
3. 450
4. 1,360
5. B
6. A

Unit 10 (p. 52) •

1. 276
2. 682
3. 280
4. 416
5. 901
6. 420
7. 1,045
8. 1,152

Unit 10 (p. 53) ••

1. 928 2. 686
3. 495 4. 1,200
5. 544 6. 1,464
7. 703 8. 676
9. 2,430

Unit 10 (p. 54) •••

1. 1,400 2. 720
3. 300 4. 2,867
5. 1,898 6. 187
7. 1,782 8. 4,628
9. 4,860 10. 882
11. 2,185 12. 5,481
13. 3,450 14. 2,975

Unit 10 (p. 55)

Word Problems

1. 3,000
2. 385
3. 2,340
4. 360
5. D
6. A

Unit 11 (p. 57) •

1. 3 R2
2. 7 R6
3. 2 R5
4. 10 R6
5. 18 R1
6. 17 R1
7. 17 R0
8. 13 R0

Unit 11 (p. 58) ••

1. 19 R0 2. 29 R0
3. 15 R1 4. 13 R3
5. 9 R2 6. 11 R1
7. 12 R1 8. 27 R1
9. 14 R3 10. 17 R1
11. 14 R1

Unit 11 (p. 59) •••

1. 19 R0 2. 22 R1
3. 13 R3 4. 16 R0
5. 10 R6 6. 15 R0
7. 12 R1 8. 13 R0
9. 12 R2 10. 24 R1
11. 32 R1 12. 12 R4
13. 12 R6 14. 21 R1

Unit 11 (p. 60)

Word Problems

1. 25
2. 13
3. 18
4. 12
5. B
6. C

Answer Key • Units 12–14

Unit 12 (p. 62) •

1. 142
2. 141
3. 152
4. 142
5. 196 R2
6. 115

Unit 12 (p. 63) ••

1. 81 R3
2. 16
3. 75
4. 121 R2
5. 147
6. 51 R1
7. 176 R2
8. 114 R5
9. 113

Unit 12 (p. 64) •••

1. 25
2. 176 R2
3. 56
4. 116 R3
5. 108 R2
6. 120 R3
7. 94 R3
8. 246
9. 205 R1
10. 59 R3
11. 142
12. 56 R1
13. 181 R3
14. 168

Unit 12 (p. 65)

Word Problems

1. 31
2. 50
3. 78
4. 95
5. D
6. D

Unit 13 (p. 67) •

1. $\frac{2}{4}$; $\frac{4}{8}$
2. $\frac{2}{8}$
3. $\frac{1}{2}$
4. $\frac{3}{4}$

Unit 13 (p. 68) ••

1. $\frac{3}{6}$
2. $\frac{2}{8}$
3. $\frac{3}{9}$
4. $\frac{2}{6}$
5. $\frac{6}{10}$
6. $\frac{1}{2}$

Unit 13 (p. 69) •••

1. $\frac{3}{6}$
2. $\frac{6}{8}$
3. $\frac{6}{9}$
4. $\frac{2}{6}$
5. $\frac{1}{2}$
6. $\frac{3}{6}$
7. $\frac{1}{3}$
8. $\frac{6}{8}$
9. $\frac{1}{3}$
10. $\frac{4}{6}$
11. $\frac{1}{3}$
12. $\frac{6}{3}$
13. $\frac{3}{4}$

Unit 13 (p. 70)

Word Problems

1. $\frac{6}{10} = \frac{3}{5}$
2. $\frac{2}{8} = \frac{1}{4}$
3. $\frac{4}{8} = \frac{1}{2}$
4. $\frac{4}{6} = \frac{2}{3}$
5. B
6. C

Unit 14 (p. 72) •

1. <
2. <
3. <
4. >
5. >
6. =

Unit 14 (p. 73) ••

1. $\frac{1}{6}$, $\frac{2}{6}$, $\frac{4}{6}$
2. $\frac{3}{6}$, $\frac{2}{3}$, $\frac{5}{6}$
3. $\frac{1}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{7}{8}$
4. $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$
5. $\frac{1}{5}$, $\frac{1}{2}$, $\frac{3}{5}$, $\frac{8}{10}$
6. $\frac{1}{10}$, $\frac{1}{5}$, $\frac{1}{2}$, $\frac{6}{10}$
7. $\frac{1}{4}$, $\frac{5}{12}$, $\frac{1}{2}$, $\frac{8}{12}$
8. $\frac{1}{12}$, $\frac{5}{12}$, $\frac{7}{12}$, $\frac{3}{4}$

Unit 14 (p. 74) •••

1. $\frac{1}{4} < \frac{1}{2} < \frac{6}{8}$; $\frac{1}{4} < \frac{1}{2}$; $\frac{1}{2} > \frac{3}{8}$; $\frac{1}{4} < \frac{3}{8}$
2. $\frac{1}{5} < \frac{3}{10} < \frac{1}{2}$
3. $\frac{1}{6} < \frac{1}{2} < \frac{2}{3}$
4. $\frac{1}{4} < \frac{3}{8} < \frac{1}{2}$
5. $\frac{1}{8} < \frac{1}{4} < \frac{5}{8}$
6. $\frac{2}{10} < \frac{1}{2} < \frac{3}{5}$
7. $\frac{1}{3} < \frac{3}{6} < \frac{2}{3}$
8. $\frac{1}{12} < \frac{1}{6} < \frac{3}{6}$
9. $\frac{2}{5} < \frac{1}{2} < \frac{3}{5}$
10. $\frac{2}{8} < \frac{3}{8} < \frac{2}{4}$
11. $\frac{1}{3} < \frac{1}{2} < \frac{4}{6}$
12. $\frac{1}{10} < \frac{1}{5} < \frac{3}{10}$
13. $\frac{2}{8} < \frac{2}{4} < \frac{7}{8}$
14. $\frac{4}{16} < \frac{2}{4} < \frac{5}{8}$
15. $\frac{1}{10} < \frac{3}{20} < \frac{1}{2}$

Unit 14 (p. 75)

Word Problems

1. $\frac{2}{8}$, $\frac{1}{2}$, $\frac{3}{4}$
2. $\frac{2}{6}$, $\frac{3}{6}$, $\frac{2}{3}$
3. clear glass
4. bluefish
5. A
6. C

Answer Key • Units 15–18

Unit 15 (p. 77) •

1. 1
2. $\frac{1}{2}$
3. $\frac{5}{7}$
4. $\frac{4}{5}$
5. $\frac{1}{8}$
6. $\frac{2}{10}$

Unit 15 (p. 78) ••

1. $\frac{4}{3}$ or $1\frac{1}{3}$
2. $\frac{2}{4}$ or $\frac{1}{2}$
3. $\frac{10}{8}$ or $1\frac{1}{4}$
4. $\frac{2}{6}$ or $\frac{1}{3}$
5. $\frac{5}{3}$ or $1\frac{2}{3}$
6. $\frac{5}{4}$ or $1\frac{1}{4}$
7. $\frac{0}{8}$ or 0
8. $\frac{10}{6}$ or $1\frac{2}{3}$

Unit 15 (p. 79) •••

1. $\frac{2}{3}$
2. $\frac{4}{3}$
3. $\frac{1}{2}$
4. $\frac{1}{2}$
5. $\frac{3}{7}$
6. $\frac{6}{7}$
7. 0
8. $\frac{4}{5}$
9. $\frac{2}{5}$
10. $\frac{3}{10}$
11. $\frac{3}{5}$
12. $\frac{2}{5}$

Unit 15 (p. 80)

Word Problems

1. $\frac{3}{5}$
2. $\frac{9}{10}$
3. $\frac{1}{4}$
4. $\frac{3}{5}$
5. A
6. A

Unit 16 (p. 82) •

1. $1\frac{3}{4}$
2. $\frac{5}{6}$
3. $1\frac{1}{8}$
4. 3

Unit 16 (p. 83) ••

1. $3\frac{2}{3}$
2. $5\frac{2}{5}$
3. 4
4. $1\frac{1}{4}$
5. $2\frac{1}{6}$
6. 5

Unit 16 (p. 84) •••

1. $1\frac{3}{4}$
2. $1\frac{2}{5}$
3. $\frac{1}{5}$
4. 3
5. $1\frac{1}{8}$
6. $3\frac{4}{5}$
7. 1

Unit 16 (p. 85)

Word Problems

1. 1
2. $3\frac{1}{2}$
3. $3\frac{3}{4}$
4. $1\frac{4}{5}$
5. D
6. B

Unit 17 (p. 87) •

1. $\frac{7}{4}$; $1\frac{3}{4}$
2. $\frac{5}{3}$; $1\frac{2}{3}$
3. $\frac{10}{5}$; 2
4. $\frac{4}{8}$; $\frac{1}{2}$

Unit 17 (p. 88) ••

1. $\frac{4}{3}$; $1\frac{1}{3}$
2. $\frac{6}{3}$; 2
3. $\frac{4}{2}$; 2
4. $\frac{3}{2}$; $1\frac{1}{2}$
5. $\frac{7}{6}$; $1\frac{1}{6}$
6. $\frac{9}{6}$; $1\frac{1}{2}$
7. $\frac{11}{10}$; $1\frac{1}{10}$
8. $\frac{14}{10}$; $1\frac{4}{10}$

Unit 17 (p. 89) •••

1. $1\frac{1}{5}$
2. $\frac{4}{5}$
3. $3\frac{3}{5}$
4. $2\frac{1}{3}$
5. $2\frac{2}{3}$
6. 4
7. $1\frac{3}{4}$
8. $1\frac{7}{8}$
9. 3
10. $6\frac{2}{3}$
11. $7\frac{1}{5}$
12. $5\frac{3}{5}$

Unit 17 (p. 90)

Word Problems

1. 12
2. 4
3. 2
4. 2
5. B
6. C

Unit 18 (p. 92) •

1. $\frac{1}{10}$; 0.1; one
2. $\frac{1}{2}$ or $\frac{5}{10}$; 0.5; five
3. $\frac{7}{10}$; 0.7; seven tenths
4. $1\frac{4}{10}$; 1.4; four tenths

Unit 18 (p. 93) ••

1. $\frac{1}{100}$; 0.01; one
2. $\frac{20}{100}$; 0.20; twenty
3. $\frac{25}{100}$ or $\frac{1}{4}$; 0.25; twenty-five
4. $\frac{15}{100}$; 0.15; fifteen
5. $\frac{53}{100}$; 0.53; fifty-three hundredths
6. $\frac{75}{100}$ or $\frac{3}{4}$; 0.75; seventy-five hundredths
7. $1\frac{35}{100}$; 1.35; thirty-five hundredths
8. $1\frac{3}{100}$; 1.03; three hundredths

Unit 18 (p. 94) •••

1. 30
2. 40; $0.4 = 0.40$
3. 7; $0.70 = 0.7$
4. 5; $0.50 = 0.5$
5. 60; $0.6 = 0.60$
6. 9; $0.90 = 0.9$
7. 4; $0.40 = 0.4$
8. 20; $0.2 = 0.20$
9. 6; $0.60 = 0.6$
10. 8; $0.80 = 0.8$
11. 70; $0.7 = 0.70$
12. 1; $0.10 = 0.1$

Unit 18 (p. 95)

Word Problems

1. $\frac{9}{10}$, 0.9
2. $\frac{3}{10}$, 0.3
3. $\frac{50}{100}$, 0.50
4. $\frac{60}{100}$, 0.60
5. C
6. D

Answer Key • Units 19–21

Unit 19 (p. 97) •

1. < 2. >
3. > 4. <
5. < 6. >

Unit 19 (p. 98) ••

1. > 2. >
3. < 4. >
5. < 6. <
7. > 8. >
9. = 10. <

Unit 19 (p. 99) •••

1. < 2. < 3. >
4. > 5. > 6. >
7. = 8. < 9. =
10. > 11. > 12. >

Unit 19 (p. 100)

Word Problems

1. Jesse 2. pen
3. laptop 4. sandwich
5. C 6. D

Unit 20 (p. 102) •

1. 600 cm
2. $4 \times 100 = 400$ cm
3. 7,000 m
4. $5 \times 1,000 = 5,000$ m
5. 8 m
6. 4 km

Unit 20 (p. 103) ••

1. $6 \times 1,000 = 6,000$ g
2. $3 \times 1,000 = 3,000$ g
3. $8 \times 1,000 = 8,000$ g
4. $12 \times 1,000 = 12,000$ g
5. $7 \times 1,000 = 7,000$ g
6. $20 \times 1,000 = 20,000$ g
7. $9,000 \div 1,000 = 9$ kg
8. $40,000 \div 1,000 = 40$ kg

Unit 20 (p. 104) •••

1. $6 \times 1,000 = 6,000$ mL
2. $14 \times 1,000 = 14,000$ mL
3. $23 \times 1,000 = 23,000$ mL
4. $8 \times 1,000 = 8,000$ mL
5. $50 \times 1,000 = 50,000$ mL
6. $32 \times 1,000 = 32,000$ mL
7. $800 \times 1,000 = 800,000$ mL
8. $160 \times 1,000 = 160,000$ mL
9. $2,000 \div 1,000 = 2$ L
10. $8,000 \div 1,000 = 8$ L
11. $26,000 \div 1,000 = 26$ L
12. $5,000 \div 1,000 = 5$ L
13. $60,000 \div 1,000 = 60$ L
14. $120,000 \div 1,000 = 120$ L

Unit 20 (p. 105)

Word Problems

1. 2,000 m
2. 4,000 g
3. 350 cm
4. 4,000 mL
5. A
6. D

Unit 21 (p. 107) •

1. 36 in
2. 144 in
3. 18 ft
4. $2 \times 5,280 = 10,560$ ft
5. 8 yd
6. 5 mi

Unit 21 (p. 108) ••

1. 48 oz
2. 160 oz
3. $6 \times 16 = 96$ oz
4. $50 \times 16 = 800$ oz
5. $5 \times 2,000 = 10,000$ lbs
6. $15 \times 2,000 = 30,000$ lbs
7. $60,00 \div 2,000 = 30$ T
8. $80 \div 16 = 5$ lbs

Unit 21 (p. 109) •••

1. $5 \times 2 = 10$ c
2. $3 \times 4 = 12$ qt
3. $5 \times 2 = 10$ pt
4. $10 \times 8 = 80$ pt
5. $4 \times 4 = 16$ c
6. $16 \div 2 = 8$ qt
7. $2 \div 4 = 0.5$ gal
8. $32 \div 4 = 8$ qt
9. $80 \div 4 = 20$ gal
10. $200 \div 4 = 50$ gal
11. $32 \div 8 = 4$ gal
12. $272 \div 16 = 17$
13. $380 \div 8 = 47.5$ gal
14. $130 \div 4 = 32.5$ gal

Unit 21 (p. 110)

Word Problems

1. 72 in
2. 3.75 ft
3. 48 oz
4. 16 cups
5. D
6. A

Answer Key • Units 22–25

Unit 22 (p. 112) •

1. 4; 3; 14 units;
12 sq units
2. 3; 4; 14 units;
12 sq units
3. 3; 2; 10 units
4. 6; 2; 12 sq units
5. 5; 5; 25 sq units
6. 9; 5; 28 units;
45 sq units

Unit 22 (p. 113) ••

1. $P = 12$; $A = 8$
2. $P = 16$; $A = 16$
3. $P = 8$; $A = 4$
4. $P = 18$; $A = 20$
5. $P = 12$; $A = 7$
6. $P = 24$; $A = 11$
7. $P = 18$; $A = 14$
8. $P = 20$; $A = 16$

Unit 22 (p. 114) •••

1. $P = 22$; $A = 24$
2. $P = 24$; $A = 35$
3. $P = 26$; $A = 36$
4. $P = 24$; $A = 36$
5. $P = 28$; $A = 33$
6. $P = 26$; $A = 40$
7. $P = 16$; $A = 12$
8. $P = 34$; $A = 56$

Unit 22 (p. 115)

Word Problems

1. 2 sq m
2. 1,500 sq in
3. 154 in
4. 84 floor tiles
5. D
6. D

Unit 23 (p. 117) •

Check students' work.

1. 4
2. $3 \frac{1}{4}$
3. $3 \frac{3}{4}$
4. $3 \frac{3}{4}$
5. $3 \frac{1}{2}$
6. 3
7. $3 \frac{1}{2}$
8. $3 \frac{3}{4}$

Unit 23 (p. 118) ••

Check students' work.

1. $3 \frac{3}{4}$
2. $2 \frac{3}{4}$
3. $4 \frac{1}{4}$
4. 3
5. $4 \frac{1}{4}$
6. $2 \frac{3}{4}$
7. 3
8. $2 \frac{3}{4}$

Unit 23 (p. 119) •••

Check students' work.

Unit 23 (p. 120)

Word Problems

1. Check students' work.
2. C
3. D

Unit 24 (p. 122) •

Check students' work.

Unit 24 (p. 123) ••

Check students' work.

Unit 24 (p. 124) •••

1. FGH
2. JNM
3. BCD
4. JM; KL
5. BAE or AED
6. JK; PQ

Unit 24 (p. 125)

Word Problems

1. Check students' work
2. D
3. A

Unit 25 (p. 127) •

1. =
2. >
3. >
4. <

Unit 25 (p. 128) ••

1. 70°
2. 110°
3. 180°
4. 130°
5. 45°
6. 90°
7. 160°
8. 30°

Unit 25 (p. 129) •••

Check students' work.

Unit 25 (p. 130)

Word Problems

1. the second
2. Check students' work.
3. 30°
4. 60°
5. B
6. D

Answer Key • Units 26–27

Unit 26 (p. 132) •

1. 4; 2; 4; 4
2. 4; 2; 4; 0
3. 4; 2; 4; 0
4. 4; 1; 4; 0
5. 3; 0; 3; 1
6. 3; 0; 3; 0

Unit 26 (p. 133) ••

1. rectangle
2. scalene triangle
3. trapezoid
4. right triangle
5. rhombus
6. parallelogram
7. equilateral triangle
8. isosceles triangle

Unit 26 (p. 134)•••

Check students' work.

1. parallelogram
2. rectangle
3. equilateral triangle
4. isosceles right triangle
5. trapezoid
6. scalene triangle

Unit 26 (p. 135)

Word Problems

1. parallelogram;
quadrilateral; rhombus
2. equilateral triangle
3. isosceles triangle
4. trapezoid
5. D
6. C

Unit 27 (p. 137) •

Check students' work.

1. 1
2. 1
3. 1
4. 3
5. 6
6. up to 360

Unit 27 (p. 138) ••

1. 6
2. 1
3. 1
4. 5
5. 1
6. 2
7. 2
8. 4

Unit 27 (p. 139)•••

1. 2
2. 1
3. 0
4. 2
5. 3
6. 2
7. 8
8. 0
9. 1
10. 1
11. 4
12. 2

Unit 27 (p. 140)

Word Problems

1. 2
2. 1
3. 1
4. 2
5. B
6. D

Answer Key • Fluency Practice

p. 141

1. 172	5. 1,180	9. 1,260	13. 609	17. 1,416	21. 2,448	25. 1,293	29. 1,470
2. 192	6. 238	10. 1,152	14. 915	18. 2,427	22. 432	26. 675	30. 2,769
3. 3,241	7. 1,569	11. 3,871	15. 6,528	19. 2,849	23. 1,566	27. 4,891	31. 1,944
4. 1,242	8. 1,624	12. 780	16. 5,409	20. 4,024	24. 1,664	28. 612	32. 392

p. 142

1. 4,011	5. 1,692	9. 6,100	13. 1,156	17. 2,278	21. 763	25. 8,020	29. 4,386
2. 1,410	6. 4,855	10. 646	14. 1,980	18. 1,776	22. 1,680	26. 2,634	30. 624
3. 1,542	7. 1,557	11. 832	15. 646	19. 2,898	23. 31,600	27. 1,354	31. 50,481
4. 5,072	8. 1,848	12. 1,098	16. 9,080	20. 4,030	24. 80,200	28. 11,250	32. 18,768

p. 143

1. 2,124	5. 23,650	9. 18,120	13. 9,315	17. 57,908	21. 37,595	25. 83,013	29. 21,315
2. 9,135	6. 31,537	10. 11,820	14. 12,220	18. 19,228	22. 3,696	26. 21,840	30. 123,717
3. 1,652	7. 11,726	11. 3,465	15. 6,942	19. 9,085	23. 15,120	27. 17,568	31. 11,078
4. 5,120	8. 12,948	12. 24,969	16. 12,650	20. 9,225	24. 7,980	28. 2,600	32. 86,697

p. 144

1. 82	5. 106 R 2	9. 61	13. 75	17. 215 R 1	21. 32 R 4	25. 441	29. 260
2. 40	6. 194	10. 85	14. 75	18. 118 R 2	22. 420	26. 66	30. 81 R 4
3. 17	7. 21	11. 156	15. 51	19. 74 R 4	23. 0	27. 119	31. 110
4. 79 R 4	8. 60 R 3	12. 84	16. 990	20. 201 R 1	24. 80 R 2	28. 250	32. 384

p. 145

1. 236	5. 95	9. 210	13. 100 R 4	17. 114	21. 158 R 2	25. 420 R 2	29. 378
2. 121 R 4	6. 221	10. 125	14. 307 R 1	18. 224 R 2	22. 154 R 1	26. 282	30. 84
3. 103 R 1	7. 130	11. 126	15. 100 R 1	19. 127	23. 304	27. 122	31. 18 R 10
4. 133 R 2	8. 156	12. 96 R 6	16. 186 R 2	20. 57 R 6	24. 93	28. 71 R 4	32. 96 R 1

p. 146

1. 3,618	5. 211 R 2	9. 255	13. 10,758	17. 243	21. 106	25. 10,234	29. 200 R 2
2. 42 R 4	6. 45,951	10. 46 R 4	14. 108 R 2	18. 3,321	22. 15,729	26. 140	30. 400
3. 2,542	7. 11 R 10	11. 9,348	15. 25,270	19. 92 R 3	23. 8255	27. 21,843	31. 1,004
4. 6,327	8. 7,514	12. 118 R 1	16. 220	20. 43,086	24. 14,454	28. 100	32. 36,138

p. 147

1. 3,108	5. 323	9. 8,596	13. 2,105 R 1	17. 2,759 R 1	21. 26,912	25. 12,915	29. 1101 R 2
2. 65	6. 4,850	10. 57,800	14. 812 R 4	18. 222	22. 730	26. 128 R 2	30. 27,120
3. 1,539	7. 1,701	11. 104	15. 544 R 5	19. 23,256	23. 1630	27. 50,316	31. 980
4. 104 R 6	8. 86 R 2	12. 302 R 2	16. 5,728	20. 152 R 1	24. 40,602	28. 563	32. 533